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NASA Procedural Requirements

COMPLIANCE IS MANDATORY

NPR 8900.1

Effective Date: May 23, 2008

Expiration Date: May 23,
2013

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Subject: Health and Medical Requirements for Human Space Exploration

Responsible Office: Office of the Chief Health & Medical Officer

| [TOC](#) | [Preface](#) | [Chapter1](#) | [Chapter2](#) | [Chapter3](#) | [AppendixA](#) | [AppendixB](#) | [AppendixC](#) |
[AppendixD](#) | [AppendixE](#) | [ALL](#) |

Preface

P.1 Purpose

- a. This document provides the procedural requirements and processes for the NASA Health and Medical Program for Human Space Exploration (NPD 8900.5).
- b. NASA shall fulfill all requirements of this NASA Procedural Requirements (NPR) to protect the health and safety of crewmembers involved in space flight activities to enable successful human space exploration.

P.2 Applicability

- a. The requirements in this NPR shall apply to all space exploration activities involving crewmembers, and includes, but is not limited to, space systems, space suits, planetary habitats, planetary rovers, and surface vehicles.
- b. The requirements in this NPR shall apply to internationally provided space systems as documented in distinct separate agreements, such as joint or multilateral agreements.
- c. The requirements in this NPR shall be made applicable to contractors only through contract clauses, specifications, or statements of work in conformance with the NASA Federal Acquisition Regulation Supplement (NFS) and not as direct instructions to contractors.
- d. The requirements in this NPR shall supplement requirements imposed by other Federal Government agencies.
- e. In this NPR, a requirement is identified by "shall" and descriptive material by "is."

P.3 Authority

- a. 42 U.S.C. 2473 (c) (1), Section 203 (c) (1) of the National Aeronautics and Space Act of 1958, as amended.
- b. NPD 1000.0, NASA Governance and Strategic Management.
- c. NPD 1000.3, The NASA Organization.
- d. NPD 8900.5, NASA Health and Medical Policy for Human Space Exploration.

P.4 Applicable Documents

- a. NPR 1382.1, NASA Privacy Procedural Requirements.
- b. NPR 1441.1, NASA Records Retention Schedules.

- c. NASA-STD-3001, NASA Space Flight Human System Standard, Volume 1 - Crew Health.
- d. NASA-STD-3000, Volumes I-II, Man-Systems Integration Standards.
- e. OCHMO 80771201MED, NASA Crewmembers Medical Standards, Volume 1 - Selection and Periodic Certification.

P.5 Measurement And Verification

P.5.1 Measurements of compliance for this NPR is determined by whether operational managers adhere to the requirements and follow the processes specified in this NPR. The Chief Health and Medical Officer (CHMO) through Agency authority and its Health and Medical Technical Authority (HMTA) function will monitor compliance. This will include appropriate reviews by, and reporting to, the CHMO.

P.6 Cancellation

None.

/S/

Dr. Richard S. Williams
NASA Chief Health and Medical Officer

| [TOC](#) | [Preface](#) | [Chapter1](#) | [Chapter2](#) | [Chapter3](#) | [AppendixA](#) | [AppendixB](#) |
[AppendixC](#) | [AppendixD](#) | [AppendixE](#) | [ALL](#) |

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